

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: John Paul Russell et al.

Serial No.: \*\*\*Unknown\*\*\*

Group No.: \*\*\*

Filed: 10/06/1998

Examiner: Unknown

For: CONCATENATION OF CONTAINERS IN SYNCHRONOUS DIGITAL HIERARCHY  
NETWORK

Assistant Commissioner for Patents  
Washington, D.C. 20231

JC525 U.S. PTO  
09/166814  
10/06/98



EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL068348496US

Date of Deposit 10/06/1998

I hereby state that the following *attached* paper or fee

New Utility Patent Application

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Joyce A. Douglas

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Signature of person mailing paper or fee

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Approved for use through 09/30/00. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. ID1048 Total Pages 4

First Named Inventor or Application Identifier

John Paul Russell et al.

Express Mail Label No. EL068348496US

525 U.S.P.T.O.  
10/06/98

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2.  Specification [Total Pages 30]
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 USC 113) [Total Sheets 15]
4. Oath or Declaration [Total Pages ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
*[Note Box 5 below]*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b,  
is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein.

ADDRESS TO:  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

6.  Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Copy
  - b.  Paper Copy (identical to computer copy)
  - c.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8.  Assignment Papers (cover sheet & document(s))
9.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
10.  English Translation Document (if applicable)
11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14.  Small Entity  Statement filed in prior application,  
Statement(s)  Status still proper and desired
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Other: Permit to File Abroad  
.....  
.....

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

021498

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

NAME	John D. Crane, Reg. No. 25,231				
ADDRESS	Northern Telecom - Patent Department P.O. Box 832130				
CITY	Richardson	STATE	TX	ZIP CODE	75083-2130
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Burden Hour Statement: This form is estimated take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL**

Note: Effective October 1, 1997.  
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 928)

**Complete if Known**

Application Number	Unknown
Filing Date	Oct. 6, 1998
First Named Inventor	John Paul Russell et al.
Group Art Unit	***
Examiner Name	Unknown
Attorney Docket Number	ID1048

**METHOD OF PAYMENT (check one)**

- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  
Deposit Account Name  
50-0210  
Northern Telecom, Inc.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17       Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

- Payment Enclosed:  
 Check     Money Order     Other

**FEE CALCULATION****1. FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid		
101	790	201	395	Utility filing fee	610
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	
<b>SUBTOTAL (1)</b>				<b>(\$ 610)</b>	

Total Claims	Extra	Fee from below	Fee Paid
29	-20 =	9 X 14 =	126
Independent Claims	6 - 3 =	3 X 64 =	192
Multiple Dependent Claims	0	X 210 =	0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description		
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	82	209	41	Reissue independent claims over original patent
110	22	210	11	Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>				<b>(\$ 318)</b>

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid		
105	130	205	65	Surcharge - late filing fee or oath	0
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	0
139	130	139	130	Non-English specification	0
147	2,520	147	2,520	For filing a request for reexamination	0
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	0
115	110	215	55	Extension for reply within first month	0
116	400	216	200	Extension for reply within second month	0
117	950	217	475	Extension for reply within third month	0
118	1,510	218	755	Extension for reply within fourth month	0
128	2,060	228	1,030	Extension for reply within fifth month	0
119	310	219	155	Notice of Appeal	0
120	310	220	155	Filing a brief in support of an appeal	0
121	270	221	135	Request for oral hearing	0
138	1,510	138	1,510	Petition to institute a public use proceeding	0
140	110	240	55	Petition to revive - unavoidable	0
141	1,320	241	660	Petition to revive - unintentional	0
142	1,320	242	660	Utility issue fee (or reissue)	0
143	450	243	225	Design issue fee	0
144	670	244	335	Plant issue fee	0
122	130	122	130	Petitions to the Commissioner	0
123	50	123	50	Petitions related to provisional applications	0
126	240	126	240	Submission of Information Disclosure Stmt	0
581	40	581	40	Recording each patent assignment per property (times number of properties)	0
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	0
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	0
Other fee (specify) _____				0	
Other fee (specify) _____				0	
* Reduced by Basic Filing Fee Paid				<b>SUBTOTAL(3) (\$ 0)</b>	

**SUBMITTED BY**

Typed or Printed Name	John D. Crane	Complete (if applicable)	
Signature	<i>John D. Crane</i>	Reg. Number	25,231
Date	10/06/98	Deposit Account User ID	50-0210

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10/06/98  
10/06/98



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Cardiff Road  
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NP9 1RH

JC525 U.S. P100  
09/166814  
10/06/98



28 September 1998

**PERMIT TO FILE ABROAD**  
**Section 23(1), Patents Act 1977**

NORTHERN TELECOM LIMITED, JOHN PAUL RUSSELL,

CHRISTOPHER DAVID MURTON, DAVID MICHAEL GOODMAN,

CHRISTOPHER THOMAS WILLIAM RAMSDEN and JAMES A SHIELDS

is/are hereby authorised to file or cause to be filed outside the United Kingdom an application  
for a patent in respect of an invention called.

CONCATENATION OF CONTAINERS IN SYNCHRONOUS DIGITAL HIERARCHY

NETWORK

and described in the documents submitted to this Office.

A. J. Ollie

PP M G WILSON  
for the Comptroller

DP Per 2/77